

EXHIBIT D



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
O'CONNOR, JOHN

DOC DATE: 10/01/1999

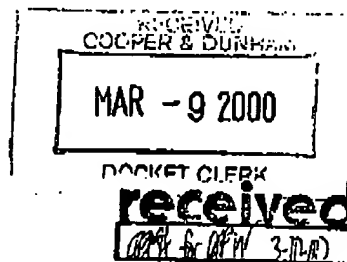
ASSIGNOR:
BIRKEN, STEVEN

DOC DATE: 10/01/1999

ASSIGNEE:
TRUSTEES OF COLUMBIA UNIVERSITY IN
THE CITY OF NEW YORK, THE
WEST 116TH STREET AND BROADWAY
NEW YORK, NEW YORK 10027

SERIAL NUMBER: 09311428
PATENT NUMBER:

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ISSUE DATE:



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TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned,

John O'Connor, residing at 781 Pelham Road, Apt. 1A, New Rochelle,
New York 10850, U.S.A.; and

Steven Birken, residing at 120 Oneida Avenue, Dumont, New Jersey 07628, U.S.A.

Hereby sell, assign and transfer to The Trustees of Columbia University in the
City of New York a corporation of the State of New York

having a place of business at West 116th Street and Broadway
in the County of New York and State of New York, 10027, U.S.A.

its successors, assigns and legal representatives, the entire right, title and interest
for all countries, in and to any and all inventions which are disclosed and claimed,
and any and all inventions which are disclosed but not claimed, in the application for
United States Patent, which has been executed by the undersigned on October 1, 1999 and
October 1, 1999
and is entitled

METHODS FOR PREDICTING PREGNANCY OUTCOME IN A SUBJECT BY hCG ASSAY
(U.S. Serial No. 09/311,428, filed May 13, 1999, a continuation-in-part
application of International Application No. PCT/US99/02289, filed
February 3, 1999, a continuation-in-part of U.S. Serial No. 09/017,976,
filed February 3, 1998)

and in and to said application and all divisional, continuing, substitute, renewal,
reissue, and all other applications for U.S. Letters Patent or other related property
rights in any and all foreign countries which have been or shall be filed on any of
said inventions disclosed in said application; and in and to all original and reissued
patents or related foreign documents which have been or shall be issued on said
inventions;

Authorize and request the Commissioner of Patents of the United States to issue
to said Assignee, the corporation above named, its successors, assigns and legal
representatives, in accordance with this assignment, any and all United States
Letters Patent on said inventions or any of them disclosed in said application;

Applicants: Jo Connor and Steven Birken
 Serial No.: 05 28
 Filed: May 13 99
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Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 10/1/99 19 John O'Connor [L.S.]
 John O'Connor

Witness: Scot G. Hamilton
Scot G. Hamilton
53 Elizabeth Terr
Upper Saddle River NJ 07445

Date: 10/1/99 19 Steven Birken [L.S.]
 Steven Birken

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